

IN THE CLAIMS

Below, please find a clean, unmarked copy of the claims. Please amend claim 5. Claims 1-4 and 6-14 are re-presented.

- 5041
1. A chemical-mechanical polishing slurry comprising:
a liquid;
cerium ions as an oxidizer in the liquid, the cerium ions being in a quantity equal to the inclusion of at least 0.02 molar ammonium cerium nitrate in the liquid;
an abrasive in the liquid, the liquid, the cerium ions and the abrasive together having a first pH value; and
a pH increasing substance in the liquid that increases the first pH value to a second pH value above 1.5 and below 3.0.
 2. The slurry of claim 1 comprising cerium ions in quantity equal to the inclusion of between 0.05 molar and 0.1 molar of ammonium cerium nitrate.
 3. The slurry of claim 1 comprising between 1 percent and 30 percent abrasive by weight.
 4. The slurry of claim 1 wherein the abrasive is silica.
 5. (Amended) The slurry of claim 1 wherein the second pH value is at least 2.5.
 6. The slurry of claim 1 wherein the pH increasing substance is glycine.
 7. The slurry of claim 1 which is environmentally green.

8. The slurry of claim 1 further comprising a complexing agent.
9. The slurry of claim 8 wherein the complexing agent is glycine.
10. The slurry of claim 1 further comprising an anti-oxidizing agent.
11. The slurry of claim 10 wherein the anti-oxidant is BTA.
12. The slurry of claim 11 comprising between 0.00200 molar and 0.00500 molar BTA.
13. The slurry of claim 1 comprising cerium ions in quantity equal to between 0.02 molar and 0.1 molar ammonium cerium nitrate and BTA comprising between 0.00200 and 0.00500 molar BTA.
14. The slurry of claim 13 wherein the second pH value is at least 2.5.